

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

**ATTORNEY DOCKET NUMBER**  
**2006-1059A**

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. §371

U.S. APPLICATION NO. **10/585208**  
(if known, see 37 C.F.R. 1.55)  
NE

**International Application No.**  
**PCT/JP2005/012348**

**International Filing Date**  
July 4, 2005

**Priority Date Claimed**  
August 5, 2004

**Title of Invention**  
PULSE SIGNAL DEMODULATION DEVICE

**Applicant(s) For DO/EO/US**  
Tsuyoshi IKUSHIMA et al.

**Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:**

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau). **ATTACHMENT A**
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. §371(c)(2)). **ATTACHMENT B**
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19.
9. ☒ An (EXECUTED) oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). **ATTACHMENT C**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

**Items 11. to 14. below concern other document(s) or information included:**

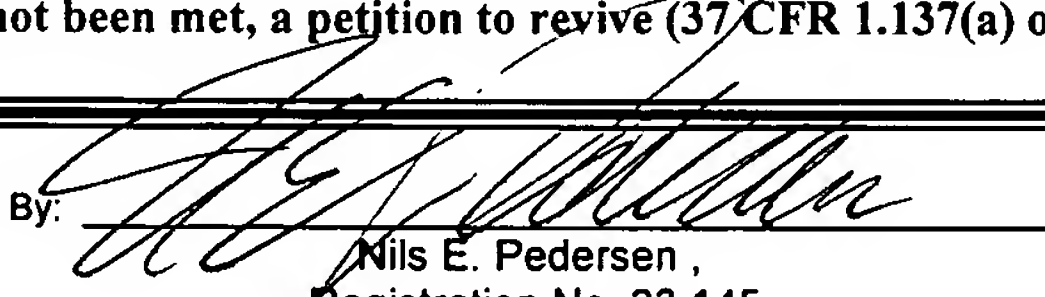
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. **ATTACHMENT D**
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment. **ATTACHMENT E**  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ Other items or information:

## Submission of Formal Replacement Drawings - ATTACHMENT F

**Notification Concerning Submission or Transmittal of Priority Document - ATTACHMENT G**

THE UNIVERSITY OF CHICAGO PRESS  
50 EAST LEXINGTON AVENUE  
NEW YORK, N.Y. 10017-2453  
1-800-638-2762

JP2005/012348 PCT/PTO 3 JULY 2006

U.S. APPLICATION NO. <b>85208</b> NEW		INTERNATIONAL APPLICATION NO. PCT/JP2005/012348		ATTORNEY'S DOCKET NO. 2006-1059A	
15. <input checked="" type="checkbox"/> The following fees are submitted				CALCULATIONS	PTO USE ONLY
Basic National Stage Fee ..... \$300.00 National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) ..... \$400.00 National Stage Examination Fee ..... \$200.00 Specification/drawings in excess of 100 pages ( units of 50 x \$250.00) = ..... \$					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$900.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	6 - 20 =		X \$50.00	\$	
Independent Claims	1 - 3 =		X \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$900.00	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$	
SUBTOTAL =				\$900.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =				\$900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	
TOTAL FEES ENCLOSED =				\$900.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$900.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
19. CORRESPONDENCE ADDRESS			<div>By:  Nils E. Pedersen , Registration No. 33,145  WENDEROTH, LIND &amp; PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250  July 3, 2006</div>		
CUSTOMER NO. <b>52349</b>					

[CHECK NO. 74909]  
[2006-1059A]

207585208

AP20 Rec'd PCT/PTO 03 JUN/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Tsuyoshi IKUSHIMA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006-1059A  
Filed July 3, 2006 :  
PULSE SIGNAL DEMODULATION DEVICE  
[Corresponding to PCT/JP2005/012348  
Filed July 4, 2005]

THIS DOCUMENT IS AUTHORIZED  
FOR RELEASE BY THE  
FEDERAL BUREAU OF INVESTIGATION  
AND THE DEPARTMENT OF JUSTICE  
ON 07-10-2006

**SUBMISSION OF FORMAL REPLACEMENT DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

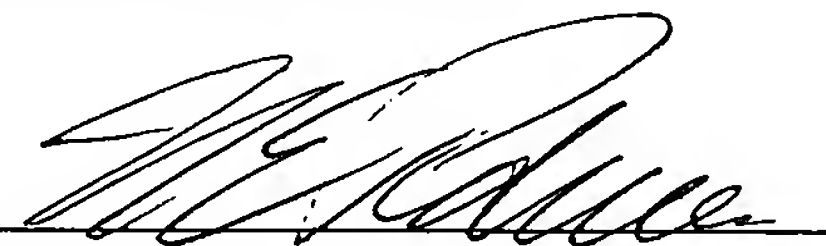
Attached please find submission of replacement drawings for Figs. 14 and 15 in replacement of original drawing Figs. 14 and 15. No new matter has been entered.

The replacement drawings are now labeled as "Prior Art".

Respectfully submitted,

Tsuyoshi IKUSHIMA et al.

By



Nils E. Pedersen  
Registration No. 33,145  
Attorney for Applicants

NEP/krq  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
July 3, 2006

ATTACHMENT F